

What is claimed is:

1. An image processing apparatus comprising:  
means for generating a line drawing image comprising  
5 line drawing image pieces;  
means for imparting vibrations to each of said line  
drawing image pieces;  
means for drawing vibrating line drawing image pieces  
in a memory.

10 2. An image processing apparatus according to claim 1,  
wherein said line drawing image comprises a three-  
dimensional line drawing image.

15 3. An image processing apparatus according to claim 2,  
wherein said means for imparting vibrations generates  
vibrations to each of said line drawing image pieces by  
adding a random number to each coordinate of vertices of  
polygons forming each of said line drawing image pieces in a  
20 three dimensional space.

25 4. An image processing apparatus according to claim 3,  
wherein said three-dimensional line drawing image drawn in  
said memory by said means for drawing is a substantially  
linear image comprising vibrating line drawing image pieces  
horizontally extending substantially from one side to  
another side on a display screen.

5. An image processing apparatus according to claim 4, wherein a vibrating non-linear line drawing image is inserted in a part of said substantially linear image comprising vibrating line drawing image pieces.

5

6. An image processing method comprising the steps of:

generating a line drawing image comprising line drawing image pieces;

imparting vibrations to each of said line drawing image pieces;

drawing said vibrating line drawing image pieces in a memory.

7. An image processing method according to claim 6, wherein said line drawing image comprises a three-dimensional line drawing image.

8. An image processing method according to claim 7, wherein said step of imparting vibrations comprises the step of generating vibrations to each of said line drawing image pieces by adding a random number to each coordinate of vertices of polygons forming each of said line drawing image pieces in a three dimensional space.

9. A recording medium for storing a program comprising the steps of:

generating a line drawing image comprising line  
drawing image pieces;

imparting vibrations to each of said line drawing  
image pieces;

5 drawing said vibrating line drawing image pieces in a  
memory.

10 10. A recording medium according to claim 9, wherein  
said line drawing image comprises a three-dimensional line  
drawing image.

15 11. A recording medium according to claim 10, wherein  
said step of imparting vibrations comprises the step of  
generating vibrations to each of said line drawing image  
pieces by adding a random number to each coordinate of  
vertices of polygons forming each of said line drawing image  
pieces in a three dimensional space.

20 12. A recording medium according to claim 11, wherein  
said three-dimensional line drawing image drawn in said  
memory in said step of drawing is a substantially linear  
image comprising vibrating line drawing image pieces  
horizontally extending substantially from one side to  
another side on a display screen.

25 13. A recording medium according to claim 12, wherein  
a vibrating non-linear line drawing image is inserted in a

part of said substantially linear image comprising vibrating line drawing image pieces.

14. A program comprising the steps of:

5 generating a line drawing image comprising line drawing image pieces;

imparting vibrations to each of said line drawing image pieces;

10 drawing said vibrating line drawing image pieces in a memory.

15 15. A program according to claim 14, wherein said line drawing image comprises a three-dimensional line drawing image.

16. A program according to claim 15, wherein said step of imparting vibrations comprises the step of generating vibrations to each of said line drawing image pieces by adding a random number to each coordinate of vertices of polygons forming each of said line drawing image pieces in a three dimensional space.

20 17. A program according to claim 16, wherein said three-dimensional line drawing image drawn in said memory in said step of drawing is a substantially linear image comprising vibrating line drawing image pieces horizontally extending substantially from one side to another side on a

```
display screen.
```

18. A program according to claim 17, further comprising the step of inserting a vibrating non-linear line drawing image in a part of said substantially linear image comprising vibrating line drawing image pieces.